SSC MTS (2022) Official Paper (Held On: 08 May 2023 Shift 2) (Previous Year Paper)

SSC Multi-Tasking Staff (MTS) • 2022 • 90 questions • 90 minutes • Answer key

Take this paper as a timed mock test

Practise under exam conditions, then review your answers after you submit.

yourmocktest.com/pyq/ssc-mts/ssc-mts-2022-official-paper-held-on-08-may-2023-shift-2-previo…

Scan the QR code or click the link to open it.

SESSION 1

Q1. Cost price of an article is Rs. 350. If the profit percentage is 35 percent, then what is the value of profit?

(a) Rs. 112.8
(b) Rs. 122.5
(c) Rs. 145.6
(d) Rs. 135.6

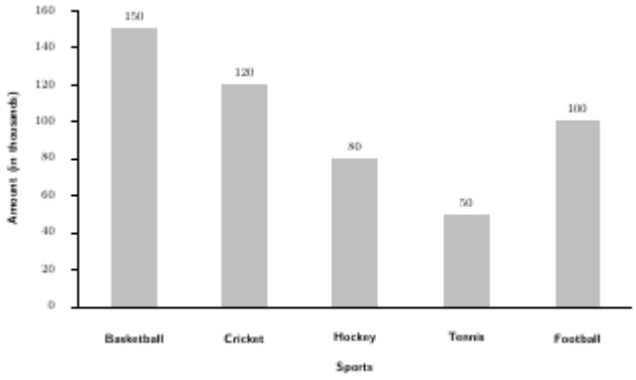
Q2. What will be the simple interest on a principal of Rs. 2400 for 6 years at the rate of 8 percent per annum?

(a) Rs. 1082
(b) Rs. 972
(c) Rs. 1152
(d) Rs. 1232

Q3. What is the compounded ratio of (2 : 5), (5 : 11) and (33 : 8)?

(a) 33 : 5
(b) 2 : 11
(c) 2 : 5
(d) 3 : 4

Q4. The following bar graph shows the amount of money spent on various sports by a school administration in a particular year. The amount spent on Hockey and Football is what percent of the amount spent on Basketball and Tennis?



(a) 90%
(b) 20%
(c) 50%
(d) 70%

Q5. A car travels with the speed of 40 km/hr for first hour and 60 km/hr for next hour. What will be the average speed of the car?

(a) 60 km/hr
(b) 45 km/hr
(c) 50 km/hr
(d) 40 km/hr

Q6. What is the value of 1.65 × 1.65 × 1.65 + 0.35 × 0.35 × 0.35 + 3.465?

(a) 7.5
(b) 4
(c) 5.5
(d) 8

Q7. Suresh alone can do a work in 10 days working 1 hour a day. Shalu alone can do the same work in 2 days working 5 hours a day. How many hours do they need to work together in a day to complete the same work in 10 days?

(a) 0.5 hours
(b) 1.5 hours
(c) 1 hour
(d) 2 hours

Q8. Rani can do a work alone in 10 days, Priya can do the same work alone in 12 days and Guddu can do the same work alone in 15 days. If they do that work together and they are paid Rs. 6000, then what is the share of Priya?

(a) Rs. 1800
(b) Rs. 1600
(c) Rs. 2000
(d) Rs. 2500

Q9. If 540 kg of grass would feed 100 cows for 9 days, then for how many days would 900 kg of grass feed 50 cows?

(a) 30 days
(b) 10 days
(c) 50 days
(d) 20 days

Q10. The average of five consecutive numbers is 53. What is the biggest of these numbers?

(a) 53
(b) 54
(c) 52
(d) 55

Q11. 840 is what percentage of 1500?

(a) 64 percent
(b) 56 percent
(c) 62 percent
(d) 57 percent

Q12. The value of 1/5 of 30 - (1/4) of 20 + 1 is:

(a) 6
(b) 2
(c) 12
(d) 0

Q13. Find 1/21^(th) of the volume of a hemisphere whose radius is 4.2 m.

(a) 6.6 m3
(b) 7.3 m3
(c) 8.2 m3

YourMockTest.com — Free Study Material

(d) 7.1 m3

Q14. The product of two co-prime numbers is 483. Find the Least Common Multiple of both numbers.

(a) 1
(b) 483
(c) 23
(d) 21

Q15. A dishonest shopkeeper sells sugar at a rate of Rs. 45 per kg. The cost price of the sugar is Rs. 40 per kg. Even after doing this, he tries to increase his profit by removing 100 gm from each packet of 1 kg. What is the gain percent of the shopkeeper?

(a) 35%
(b) 25%
(c) 20%
(d) 30%

Q16. The table given below shows the number of students in 6 different schools.

Schools	Students
A	120
B	60
C	70
D	80
E	30
F	50

The number of students in school A is what percentage of number of students in school F?

(a) 120 percent
(b) 41.66 percent
(c) 200 percent
(d) 240 percent

Q17. A single discount equivalent to the series of discounts 15%, 10% and 5% is equal to:

(a) 31.5%
(b) 26.5%
(c) 32%
(d) 27.325%

Q18. Kabir climb up a hill at a speed of 3 miles per hour and comes down at 5 miles per hour. If total time taken for the total journey is 10 hours, then what was the distance between hill top and foothills?

(a) 3.75 miles
(b) 18.75 miles
(c) 37.5 miles
(d) 20.5 miles

Q19. Sohan makes four trips of equal distances. His speed on first trip was 240 km/hr and in each subsequent trip his speed was half of the previous trip. What is the average speed of Sohan in these four trips?

(a) 64 km/hr
(b) 60 km/hr
(c) 50 km/hr
(d) 52 km/hr

YourMockTest.com — Free Study Material

Q20. Two cubes each of edge 9 cm are joined to form a single cuboid. What is the total surface area of the cuboid formed?

(a) 810 cm2
(b) 775 cm2
(c) 990 cm2
(d) 1024 cm2

Q21. Words given on the left side of (::) are related with each other by some Logic/Rule/Relation. Select the missing word/word pair on the right side of (::) from the given alternatives based on the same Logic/Rule/Relation.

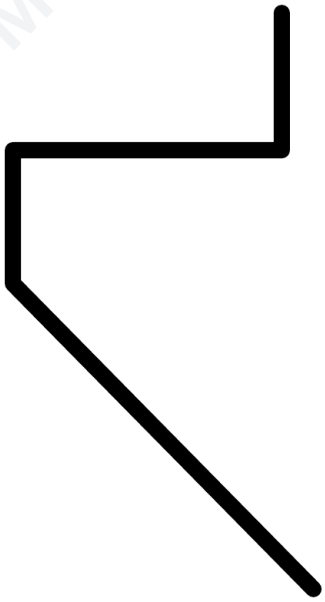
Watt : Power :: Ohm : ?

(a) Force
(b) Volume
(c) Current
(d) Electrical Resistance

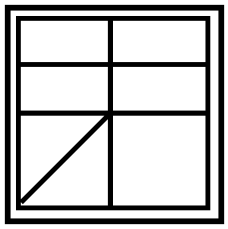
Q22. Five men M, N, O, P, and Q are sitting in a row facing north. M is sitting at one end and O is on the other end. Q sits to the immediate left of M and to the immediate right of P. Who sits third to the right of O?

(a) P
(b) Q
(c) M
(d) N

Q23. Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

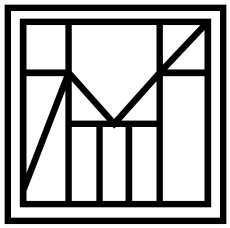


(a)

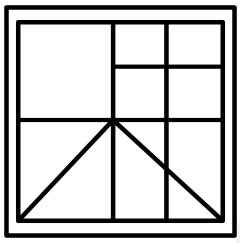


YourMockTest.com — Free Study Material

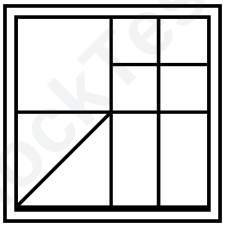
(b)



(c)



(d)



Q24. Two Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All tables are strong.

No strong is weak.

Conclusions:

I. No tables are weak.

II. Some weak are tables.

(a) Only conclusion II follows
(b) Both conclusions I and II follow
(c) Neither conclusion I nor II follows
(d) Only conclusion I follows

Q25. In a certain code language, 'HEG' is coded as '840', 'JFD' is coded as '720'. What is the code for 'JDK' in that code language?

(a) 1380
(b) 1320
(c) 1400
(d) 1280

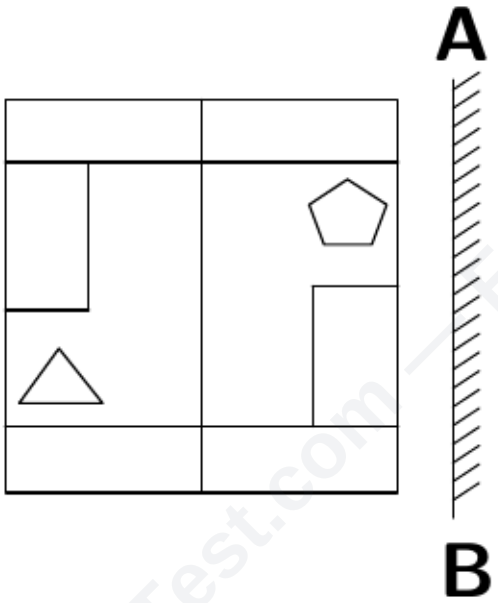
Q26. Which of the following numbers will replace the question mark (?) in the given series?

68, 62, 50, 32, 8, -22, ?

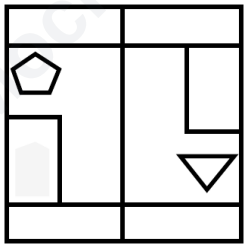
(a) -58
(b) -53
(c) -75
(d) 58

YourMockTest.com — Free Study Material

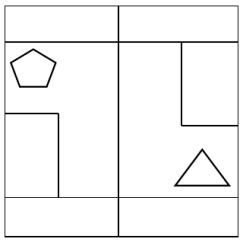
Q27. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?



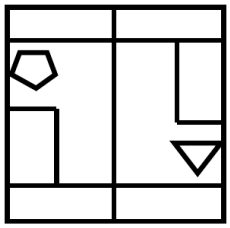
(a)



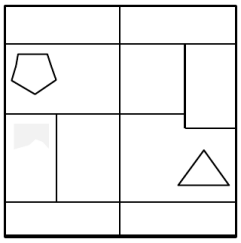
(b)



(c)



(d)



YourMockTest.com — Free Study Material

Q28. Two Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All bottles are black.

Some black are white.

Conclusions:

I. All blacks are bottles.

II. Some blacks are not white.

(a) Both conclusions I and II follow
(b) Only conclusion II follows
(c) Neither conclusion I nor II follows
(d) Only conclusion I follows

Q29. Select the option that is related to the third letter cluster in the same way as the second letter cluster is related to the first letter cluster.

MNO : RST :: GHI : ?

(a) LNO
(b) LMN
(c) LOM
(d) MNL

Q30. Which of the following numbers will replace the question mark (?) in the given series?

55, 42, 31, 22, 15, 10, ?

(a) 6
(b) 3
(c) 5
(d) 7

Q31. In a certain code language, 'SNOW' is coded as '21, 16, 17, 25', 'RIDE' is coded as '20, 11, 6, 7'. What is the code for 'TAPE' in that code language?

(a) 22, 3, 17, 7
(b) 22, 3, 18, 7
(c) 22, 3, 18, 6
(d) 20, 3, 18, 7

Q32. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row- 80, 40, 160

Second row- 30, 15, 60

Third row- 24, 12, ?

(a) 38
(b) 65
(c) 54
(d) 48

Q33. Which of the following letter will replace the question mark (?) in the given series?

d, f, h, j, l, n, p, r, ?

(a) s
(b) u
(c) t
(d) v

YourMockTest.com — Free Study Material

Q34. In a certain code language, 'READER' is coded as 'UHGDHU'. What is the code for 'SENIOR' in that code language?

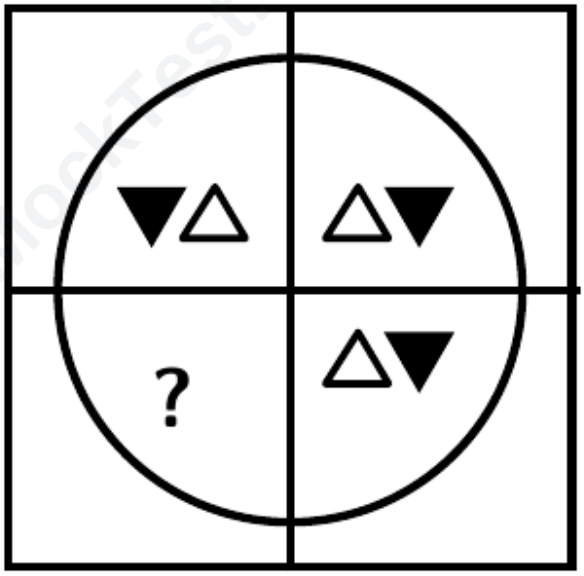
(a) URLQIV
(b) URLQHV
(c) URLQHW
(d) URMQHV

Q35. Select the option that is related to the third number in the same way as the second number is related to the first number.

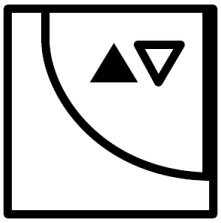
435 : 87 :: 285 : ?

(a) 58
(b) 57
(c) 59
(d) 56

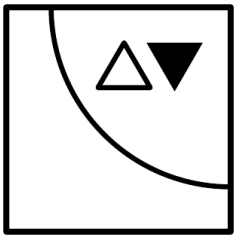
Q36. Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern. (rotation is not allowed)



(a)

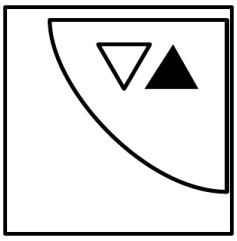


(b)

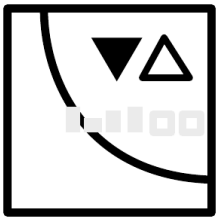


YourMockTest.com — Free Study Material

(c)



(d)



Q37. Seven friends Haroon, Imran, Jason, Kirti, Lisa, Mohan, and Niti having different heights, are standing in descending order of their heights. The tallest person stands at the front and the shortest person stands at the last of the column. Haroon stands immediately behind Lisa, who stands immediately behind Kirti. There are exactly two people standing in between Mohan and Niti. Imran is standing in the second position from the front. Mohan is not the tallest. Who is standing at the front of the column?

(a) Mohan
(b) Kirti
(c) Niti
(d) Jason

Q38. Words given on the left side of (::) are related with each other by some Logic/Rule/Relation. Select the missing word/word pair on the right side of (::) from the given alternatives based on the same Logic/Rule/Relation.

Gujarat : Gandhinagar :: Rajasthan : ?

(a) Jaipur
(b) Jodhpur
(c) Chandigarh
(d) Udaipur

Q39. Six friends Pawan, Kanta, Rishab, Subham, Mayank and Vikram are sitting in a circle facing the centre. Pawan is to the immediate left of Vikram. Rishab is 4th to the right of Pawan. Only Mayank sits between Pawan and Rishab. Subham does not sit adjacent to Vikram. Who sits to the immediate right of Subham?

(a) Mayank
(b) Kanta
(c) Rishab
(d) Pawan

Q40. Select the option that is related to the third word in the same way as the second word is related to the first word.

Oology : Eggs :: Mycology : ?

(a) Virus
(b) Protozoa
(c) Bacteria
(d) Fungi

SESSION 2

YourMockTest.com — Free Study Material

Q41. The product method which is used to calculate the aggregate annual value of goods and services produced is also called _____.

(a) income method
(b) depreciation method
(c) expenditure method
(d) value added method

Q42. "Ambubachi Mela" is held in which place?

(a) Pune
(b) Patna
(c) Lucknow
(d) Guwahati

Q43. Stand Up India scheme aims at supporting entrepreneurship to _____ community of India.

(a) Business person
(b) Scheduled caste
(c) Construction workers
(d) Below Poverty Line

Q44. How many field players are in a football team?

(a) 12
(b) 13
(c) 11
(d) 14

Q45. The Guru Kelucharan Mohapatra Award has been instituted in the year 1995. Guru Kelucharan Mohapatra was recognized for which dance form?

(a) Manipuri
(b) Kathak
(c) Odissi
(d) Chhau

Q46. As of 2022, which Indian musician has the most number of Oscar awards?

(a) Lata Mangeshkar
(b) Gulzar
(c) A R Rahman
(d) Asha Bhosle

Q47. Which is the largest continent in the world?

(a) Asia
(b) Africa
(c) South America
(d) North America

Q48. Practice of "sati" was banned in India in _____.

(a) 1847
(b) 1819
(c) 1857
(d) 1829

Q49. 'Freedom in Exile' is the autobiographical book of _____.

(a) Dalai Lama
(b) Mahatma Gandhi
(c) Jawaharlal Nehru
(d) J.B. Kriplani

YourMockTest.com — Free Study Material

Q50. Bhagat singh and B.K. Dutt threw bomb in the central Legislative Assembly on _____.

(a) 8 April 1930
(b) 10 April 1930
(c) 10 April 1929
(d) 8 April 1929

Q51. Which of the following is an artificial sweetener?

(a) Glucose
(b) Lactamase
(c) Sodium benzoate
(d) Saccharin

Q52. Udaipur was founded by _____ after the fall of Chittor to Akbar in 1568.

(a) Man singh
(b) Raja Bharmal
(c) Rana Udai Singh
(d) Sawai Jai Singh

Q53. Which of the following material is a conductor of electricity?

(a) Glass
(b) Mica
(c) Silver
(d) Ebonite

Q54. Which among the following dance forms of India is associated with Rajasthan?

(a) Odissi
(b) Bharatanatyam
(c) Kalbelia
(d) Kathakali

Q55. The Mongols under Genghis Khan invaded Transoxiana in north-east Iran in _____.

(a) 1219
(b) 1212
(c) 1230
(d) 1227

Q56. According to 2011 Census, among the following which state has the lowest sex ratio?

(a) Haryana
(b) Jharkhand
(c) Bihar
(d) Sikkim

Q57. Which among the following rivers originates in Maharashtra?

(a) Yamuna
(b) Narmada
(c) Tapi
(d) Godavari

Q58. Which among the following straits divide Sri Lanka from India?

(a) Yucatan Strait
(b) Sunda Strait
(c) Malacca Strait
(d) Palk Strait

YourMockTest.com — Free Study Material

Q59. Which among the following organs in human body, is most affected by Pneumonia disease?

(a) Urinary bladder
(b) Heart
(c) Kidneys
(d) Lungs

Q60. Which article of the Indian Constitution provides freedom to manage its own affairs in matters of religion?

(a) Article 26
(b) Article 210
(c) Article 5
(d) Article 30

Q61. The most important ruler of the Satavahanas was _____.

(a) Simuka
(b) Gautamiputra Shri Satakarni
(c) Vasisthiputra Pulamavi
(d) Pulumavi IV

Q62. At least how old must be an Indian citizen to be a member of Rajya Sabha?

(a) 30 years
(b) 20 years
(c) 35 years
(d) 25 years

Q63. Which famous Indian sportsman is nicknamed as 'Captain Cool'?

(a) Milkha Singh
(b) Major Dhyan Chand
(c) Rohit Sharma
(d) Mahendra Singh Dhoni

Q64. Which of the following is termed as "sericulture"?

(a) Breeding of fish
(b) Commercial rearing of silk worms
(c) Growing of fruits
(d) Cultivation of grapes

Q65. Who has the power to interpret the constitution of India?

(a) Both Supreme court and High courts
(b) Supreme court only
(c) High courts only
(d) President of India

Q66. Fill in the blank with the most appropriate option.

That remark _____ a stir.

(a) built
(b) created
(c) constructed
(d) produced

Q67. Choose the word that is opposite in meaning to the given word.

Abstract

(a) Transcend
(b) Romantic
(c) Concrete
(d) Utopian

YourMockTest.com — Free Study Material

Q68. Select the most appropriate word for the given group of words.

Fear of heights

(a) Hydrophobia
(b) Acrophobia
(c) Vaccinophobia
(d) Bathophobia

Q69. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

When my calculations are wrong, I have to pore over the spreadsheet to find the error.

(a) to poring over
(b) to pore by
(c) to pored over
(d) No improvement

Q70. Identify the segment that contains a grammatical error. If there is no error, select 'No error'

We talked about writing a will, but it / was one of the best thing you never get / around to doing.

(a) We talked about writing a will, but it
(b) was one of the best thing you never get
(c) No Error
(d) around to doing.

Q71. A sentence has been given with a blank to be filled with an appropriate option. Choose the correct alternative.

Ram is _____ like the kings before him.

(a) no
(b) not
(c) nor
(d) none

Q72. Identify the segment that contains a grammatical error. If there is no error, select 'No error'

If Tom was here, / he could have / solved the issue.

(a) he could have
(b) If Tom was here,
(c) solved the issue.
(d) No Error

Q73. Choose the word that can substitute the given group of words.

A person who easily believes without demanding proof

(a) Cosmopolitan
(b) Wary
(c) Credulous
(d) Streetwise

Q74. Choose the sentence with no spelling error.

(a) A few exemples can illustrate this.
(b) A few examples can illustrrate this.
(c) A few examples can illustrate this.
(d) A few examples can ilustrate this.

Q75. Select the most appropriate option to fill in the blank.

To _____ your self-worth, write down some things that are positive about yourself.

(a) overlook
(b) repudiate
(c) sanctify

YourMockTest.com — Free Study Material

(d) affirm

Q76. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

Shivam is more cleverer than any other boy in the office.

(a) Shivam is more cleverer
(b) than any other boy
(c) in the office.
(d) No error

Q77. Select the most appropriate option to substitute the bracketed segment in the given sentence. If there is no need to substitute it, select 'no substitution required'.

(Democrats control neither Congress and neither the White House, but) they are doing their best to control the judicial processes.

(a) Democrats control neither Congress or the White House, but
(b) Democrat controls neither Congress and nor the White House, though
(c) No substitution required
(d) Democrats control neither Congress nor the White House, but

Q78. Select the most appropriate option to fill in the blank.

A national holiday _____ on the same day as my birthday.

(a) flows
(b) false
(c) fouls
(d) falls

Q79. Select the appropriate antonym for the underlined word.

The pillar of light has faded.

(a) painted
(b) grown
(c) vanished
(d) melted

Q80. Select the most appropriate synonym of the given word.

Jaded

(a) Beguiled
(b) Fatigued
(c) Unwearied
(d) Weariless

Q81. Choose the incorrectly spelt word.

(a) Blast
(b) Toast
(c) Caste
(d) Jutsice

Q82. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

The sun was shining through the window.

(a) were shining
(b) was shines
(c) were shined
(d) No improvement

Q83. Select the appropriate synonym for the underlined word.

Are you kidding?

(a) pleading
(b) rocking
(c) mixing
(d) joking

Q84. Select the most appropriate meaning of the given idiom.

Walk on air

(a) To be extremely happy
(b) To describe an unusual situation
(c) Feeling weakened or tired
(d) To work hard

Q85. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

Wet behind the ears

(a) To win a bet
(b) A sudden change in fortune due to a windfall
(c) To be young and without experience
(d) To place a bad bet

Directions

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

One afternoon, a dozen Arizona State University students (1)____ to spend the morning cutting cardboard, taping fans and assembling filters in an effort to (2)_ 125 portable air purifiers for local schools. That (3)___ morning, staff members at a homeless shelter in Los Angeles were setting (4)___ 20 homemade purifiers of their own, while in Brookline, Massachusetts, another DIY air purifier was whirring quietly in the back of a day care (5)____ as children played.

Q86. Select the most appropriate option to fill in the blank No. 1.

(a) plated
(b) triggered
(c) dismissed
(d) gathered

Q87. Select the most appropriate option to fill in the blank No. 2.

(a) beat
(b) build
(c) weld
(d) sieve

Q88. Select the most appropriate option to fill in the blank No. 3.

(a) copy
(b) cruel
(c) resembling
(d) same

Q89. Select the most appropriate option to fill in the blank No. 4.

(a) on
(b) up
(c) in
(d) off

YourMockTest.com — Free Study Material

Q90. Select the most appropriate option to fill in the blank No. 5.

(a) auditorium
(b) classroom
(c) hangar
(d) podium

ANSWER KEY

1 a	2 a	3 a	4 a	5 a	6 a	7 a	8 a	9 a	10 a
11 a	12 a	13 a	14 a	15 a	16 a	17 a	18 a	19 a	20 a
21 a	22 a	23 a	24 a	25 a	26 a	27 a	28 a	29 a	30 a
31 a	32 a	33 a	34 a	35 a	36 a	37 a	38 a	39 a	40 a
41 a	42 a	43 a	44 a	45 a	46 a	47 a	48 a	49 a	50 a
51 a	52 a	53 a	54 a	55 a	56 a	57 a	58 a	59 a	60 a
61 a	62 a	63 a	64 a	65 a	66 a	67 a	68 a	69 a	70 a
71 a	72 a	73 a	74 a	75 a	76 a	77 a	78 a	79 a	80 a
81 a	82 a	83 a	84 a	85 a	86 a	87 a	88 a	89 a	90 a

More previous year papers and mock tests: **www.yourmocktest.com/pyq**

YourMockTest.com — Free Study Material